

## HUMAN RALGDS-LIKE PROTEIN 3

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## ABSTRACT

The invention provides isolated nucleic acids that encode RGL3, and fragments thereof, vectors for propagating and  
10 expressing RGL3 nucleic acids, host cells comprising the nucleic acids and vectors of the present invention, proteins, protein fragments, and protein fusions of the novel RGL3 isoforms, and antibodies thereto. The invention further provides transgenic cells and non-human organisms comprising  
15 human RGL3 nucleic acids, and transgenic cells and non-human organisms with targeted disruption of the endogenous orthologue of the human RGL3 gene. The invention further provides pharmaceutical formulations of the nucleic acids, proteins, and antibodies of the present invention, and diagnostic,  
20 investigational, and therapeutic methods based on the RGL3 nucleic acids, proteins, and antibodies of the present invention.